Technology and Equipment Committee Report

Lithotripsy Material

For the Proposed 2009 SMFP

For the N.C. State Health Coordinating Council Meeting On

May 28, 2008

Need Determination Related to Lithotripsy Using the Present Methodology

The annual treatment capacity of a lithotripter is estimated at between 1,000 and 1,500 procedures. The maximum number of lithotripters needed in the state would be 12 based on the 11,785 procedures reported in 2007 as reflected in Table 9C and with capacity defined as 1,000 procedures per lithotripter.

There are 14 lithotripters in the state including the new CON-approved lithotripter that was not operational in the reporting period. As a result, it is determined that there is <u>no</u> need for additional lithotripters anywhere else in the state.

(From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)
Proposed 2009 SMFP

provider:	Carolina Lithotripsy, LTD.	Area Generally Served	: Eastern NC	
		Facility	Location	Procedures
address:	2014 Litho Place	Duke Health Raleigh Hospital	Raleigh, NC	9
city/zip:	Fayetteville, NC 28304	Southeastern Regional	Lumberton, NC	75
nachines:	2	Beaufort County Hospital	Washington, NC	59
purchased or replaced: 10/2000, 11/2001	or replaced:	Pitt Co. Memorial Hospital	Greenville, NC	100
	Craven Regional Medical	New Bern, NC	75	
		Wayne Memorial Hospital	Goldsboro, NC	48
		Heritage Hospital	Tarboro, NC	0
		Lenoir Memorial Hospital	Kinston, NC	48
		Sampson Regional Medical	Clinton, NC	0
		New Hanover Regional	Wilmington, NC	241
		Johnston Memorial Hospital	Smithfield, NC	108
		Halifax Memorial Hospital	Roanoke Rapids, NC	45
		Columbus County Hospital	Whiteville, NC	119
		Richmond Memorial Hospital	Rockingham, NC	42
		Cape Fear Valley Medical Cen.	Fayetteville, NC	0
		Carteret General Hospital	Morehead City, NC	29
		Wilson Medical Center	Wilson, NC	61
		Onslow Memorial	Jacksonville, NC	41
		Carteret Surgery Center	Morehead City, NC	22
	Highsmith Rainey	Fayetteville, NC	191	
		First Health of the Carolinas	Pinehurst, NC	181
		Rex Healthcare	Raleigh, NC	106
		Wake Medical Center	Raleigh, NC	63
		Dosher Memorial Hospital	Southpoint, NC	62
		Total Number of Procedures		1725
		Average Number of Procedures p	er Lithotripter	863

provider:	Carolina's Mobile Lithotripsy Service	Area Generally Served:	Western and Central	NC
		Facility	Location	Procedures
address:	810 Fairgrove Church Road	Catawba Valley Medical Center	Hickory, NC	142
city/zip:	Hickory, NC 28602	Frye Regional Medical Cen.	Hickory, NC	111
nachines:	2	Grace Hospital	Morganton, NC	43
nurchased	or replaced:	Haywood Regional Hospital	Clyde, NC	135
	3/2002, 3/2002			
ENE IN		Rutherford Hospital	Rutherfordton, NC	78
		Scotland Memorial Hospital	Laurinburg, NC	135
		Harris Regional Hospital	Sylva, NC	119
		Angel Medical	Franklin, NC	3
		Valdese Hospital	Valdese, NC	47
		Murphy Medical Center	Murphy, NC	78
		Total Number of Procedures		891
		Average Number of Procedures pe	r Lithotripter	446

(From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)
Proposed 2009 SMFP

provider:	Fayetteville Lithotripters, L.P.	Areas Generally Served:	Western NC and Sout	h Carolina
	South Carolina II	Facility	Location	Procedures
address:	1301 Capitol of Texas Hwy.#200-B	Pardee Memorial Hospital	Hendersonville, NC	110
city/zip:	Austin, Texas 78746	Park Ridge Hospital	Fletcher, NC	32
machines:	1	St. Lukes Hospital	Columbus, NC	0
purchased or replaced:		Self Regional Healthcare	Greenwood, SC	67
		Abbeville Area Medical Center	Abbeville, SC	25
		St. Francis Hospital	Greenville, SC	330
		Oconee Memorial Hospital	Seneca, SC	36
		Total Number of Procedures		600
		Average Number of Procedures pe	r Lithotripter	600
provider:	Fayetteville Lithotripters, L.P. Virginia I	Facility Albemarle Hospital	Location Elizabeth City, NC	Procedures 20
		Area Generally Served:	Eastern NC and Virigi	Shares and the same of the sam
provider.				
	The had	7 Hochiane Hospital	Litzabeth City, 140	20
address.		Roanoke-Chowan Hospital	Ahoskie NC	13
address:	1301 Capitol of Texas Hwy.#200-B		Ahoskie, NC Edenton, NC	13 37
address:		Chowan Hospital	Edenton, NC	37
address:		Chowan Hospital Community Memorial Healthcare	Edenton, NC Suffolk, VA	37 41
	1301 Capitol of Texas Hwy.#200-B	Chowan Hospital Community Memorial Healthcare Harborview Medical Center	Edenton, NC Suffolk, VA Edenton, NC	37
city/zip:		Chowan Hospital Community Memorial Healthcare	Edenton, NC Suffolk, VA	37 41 77
address: city/zip: machines: purchased o	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA	37 41 77 49
city/zip: machines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA	37 41 77 49 110
city/zip: machines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA	37 41 77 49 110 255
city/zip: machines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA	37 41 77 49 110 255 17
city/zip: nachines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp Riverside Regional Medical	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA Kilmarnock, VA	37 41 77 49 110 255 17 55
city/zip: nachines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp Riverside Regional Medical Riverside Tappahannock	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA Kilmarnock, VA Newport News, VA	37 41 77 49 110 255 17 55
city/zip: nachines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp Riverside Regional Medical Riverside Tappahannock Riverside Walter Reed Hosp	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA Kilmarnock, VA Newport News, VA Tappahannock, VA	37 41 77 49 110 255 17 55 14 36
city/zip: nachines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp Riverside Regional Medical Riverside Tappahannock Riverside Walter Reed Hosp Southside Community Hosp	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA Kilmarnock, VA Newport News, VA Tappahannock, VA Newport News, VA	37 41 77 49 110 255 17 55 14 36 79
city/zip: machines:	1301 Capitol of Texas Hwy.#200-B Austin, Texas 78746 1 or replaced:	Chowan Hospital Community Memorial Healthcare Harborview Medical Center Louise Obici Memorial Hosp Mary Immaculate Hospital Mary Washington Hospital Rappahannock General Hosp Riverside Regional Medical Riverside Tappahannock Riverside Walter Reed Hosp Southside Community Hosp Southside Regional Medical	Edenton, NC Suffolk, VA Edenton, NC Suffolk, VA Suffolk, VA Newport News, VA Fredricksburg, VA Kilmarnock, VA Newport News, VA Tappahannock, VA Newport News, VA Petersburg, VA	37 41 77 49 110 255 17 55 14 36 79

(From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)
Proposed 2009 SMFP

Areas Generally Served: Western & Central NC and Virginia

	Facility	Location	Procedures
	Randolph Hospital	Asheboro, NC	123
provider: Piedmont Stone Center	Watauga Hospital	Boone, NC	143
	Alamance Regional Med. Cen.	Burlington, NC	220
address: 1907 S. Hawthorne Road	Davis Regional	Statesville, NC	32
city/zip: Winston Salem, NC 27103	Morehead Memorial Hospital	Eden, NC	247
machines: 4	Maria Parham Hospital	Henderson, NC	93
purchased or replaced:	Iredell Memorial Hospital	Statesville, NC	91
3/2002, 4/2003, 4/2003; 9/89, 4/90, 2/95 initial	Caldwell Memorial	Lenoir, NC	50
	Wilkes Regional Medical Cen.	N. Wilkesboro, NC	100
	Annie Penn Memorial Hos.	Reidsville, NC	31
	Piedmont Stone Center	Winston Salem, NC	750
	Forsyth Memorial	Winston Salem, NC	106
	NC Baptist Hospital	Winston Salem, NC	10
	High Point Regional	High Point, NC	533
	Northern Hosp. of Surry Co.	Elkin, NC	61
	Wesley Long Hospital	Greensboro, NC	412
	Rowan Regional	Salisbury, NC	191
	Lexington Memorial Hospital	Lexington, NC	55
	Lynchburg General	Lynchburg, VA	180
	Martha Jefferson Hospital	Charlottesville, VA	139
	New River Valley	Blacksburg, VA	80
	Twin County Regional	Galax, VA	50
	Wythe County Community	Wytheville, VA	33
	Piedmont Day Surgery	Danville, VA	87
	Total Number of Procedures		3817
	Average Number of Procedures p	er Lithotripter	954

(From 2007 data as reported on the 2008 Lithotripsy Registration and Inventory Form of Mobile Equipment)
Proposed 2009 SMFP

Area Served: Western and Central NC

provider: The Stone Institute, L.L.C.	Facility	Location	Procedures
	Carolinas Medical Center	Charlotte, NC	392
ddress: P.O. Box 4509	Cleveland Regional Med. Cen.	Shelby, NC	115
ity/zip: Davidson, NC 28036	Gaston Memorial Hospital	Gastonia, NC	228
nachines: 1 operational	Lake Norman Reg. Med. Cen.	Mooresville, NC	86
Received CON for 1 effective 10-12-2007	CMC-Northeast Medical Center	Concord, NC	284
ourchased or replaced:	Lincoln Medical Center	Lincolnton, NC	70
04/2004, 1991	Kings Mountain	Kings Mountain, NC	0
	Presbyterian Orthopaedic Hos.	Charlotte, NC	351
	CMC-University	Charlotte, NC	67
	Stanly Memorial Hospital	Albemarle, NC	60
	Union Regional Medical Cen.	Monroe, NC	79
	Springs Memorial Hospital	Lancaster, SC	70
	Piedmont Medical Center	Rock Hill, SC	282
	1 Icumont Miculai Conto		
	Total Number of Procedures	Rook IIII, 50	2084
	Total Number of Procedures Average Number of Procedures pe	er Lithotripter East Central NC	2084 2084
provider: Triangle Lithotripsy Corp.	Total Number of Procedures Average Number of Procedures per Area Served. Facility	East Central NC Location	2084 2084 Procedures
	Total Number of Procedures Average Number of Procedures per Area Served Facility Rex Hospital	East Central NC Location Raleigh, NC	2084 2084 Procedures 399
address: 7003 Chadwick Dr. Suite 321	Area Served: Facility Rex Hospital Central Carolina Medical Cen.	East Central NC Location Raleigh, NC Sanford, NC	2084 2084 Procedures
address: 7003 Chadwick Dr. Suite 321	Area Served: Facility Rex Hospital Central Carolina Medical Cen. Nash Day Hospital	East Central NC Location Raleigh, NC Sanford, NC Rocky Mount, NC	2084 2084 Procedures 399 105 138
address: 7003 Chadwick Dr. Suite 321 htty/zip: Brentwood, TN 37027	Total Number of Procedures Average Number of Procedures per Area Served: Facility Rex Hospital Central Carolina Medical Cen. Nash Day Hospital WakeMed / W. Wake Hosp	East Central NC Location Raleigh, NC Sanford, NC Rocky Mount, NC Raleigh, NC	2084 2084 Procedures 399 105 138 255
address: 7003 Chadwick Dr. Suite 321 ity/zip: Brentwood, TN 37027 nachines: 1	Total Number of Procedures Average Number of Procedures per Area Served: Facility Rex Hospital Central Carolina Medical Cen. Nash Day Hospital WakeMed / W. Wake Hosp Durham Regional/Amb. Surg.	East Central NC Location Raleigh, NC Sanford, NC Rocky Mount, NC Raleigh, NC Durham, NC	2084 2084 2084 Procedures 399 105 138 255 258
address: 7003 Chadwick Dr. Suite 321 ity/zip: Brentwood, TN 37027 nachines: 1	Total Number of Procedures Average Number of Procedures per Area Served: Facility Rex Hospital Central Carolina Medical Cen. Nash Day Hospital WakeMed / W. Wake Hosp Durham Regional/Amb. Surg. Wayne Memorial	East Central NC Location Raleigh, NC Sanford, NC Rocky Mount, NC Raleigh, NC	2084 2084 Procedures 399 105 138 255
address: 7003 Chadwick Dr. Suite 321	Total Number of Procedures Average Number of Procedures per Area Served: Facility Rex Hospital Central Carolina Medical Cen. Nash Day Hospital WakeMed / W. Wake Hosp Durham Regional/Amb. Surg.	East Central NC Location Raleigh, NC Sanford, NC Rocky Mount, NC Raleigh, NC Durham, NC	2084 2084 Procedures 399 105 138 255 258